# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Docket No.: 6192.0294.C1

Gary A. FREEMAN

Serial No.: 10/619,389 Group Art Unit: 2871

Confirmation No.: 7690

Filed: July 15, 2003 Examiner: Timothy L. Rude

For: ELECTROOPTICAL DISPLAYS WITH MULTILAYER STRUCTURE

ACHIEVED BY VARYING RATES OF POLYMERIZATION AND/OR PHASE

SEPARATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

#### TERMINAL DISCLAIMER

Sir:

Samsung Electronics Co., Ltd., the owner of a hundred percent interest in the instant application by an assignment filed in the U.S.P.T.O. for recordation on April 23, 2004, a copy of which is attached, hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U. S.C. §§ 154-156 and 173 and shortened by any terminal disclaimer filed prior to the grant of U.S. Patent No. 6,606,142 (hereinafter "142 Patent"), or U.S. Patent 6,618,114 (hereinafter "114 Patent"), or of any patent granted on copending U.S. Patent Application Nos. 09/882,272 (hereinafter "272 Application") and 10/309,908 (hereinafter "908 Application"). The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that the '142 Patent, the '114 Patent and any patents granted on the '272 Application and the '908

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Applicant: Gary A. Freeman Application Num. 10/619,389

Application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C.§§ 154-156 and 173 of the '142 Patent, the '114 Patent, the '272 Application and the '908 Application, as shortened by any terminal disclaimer filed prior to the patent grant, in the event that any such granted patent: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. §1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer filed prior to its grant.

For submissions on behalf of an organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is an attorney of record empowered to act on behalf of the organization.

The undersigned attorney of record hereby declares that all statements made herein are of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Applicant: Gary A. Freeman Application Num. 10/619,389

If a terminal disclaimer fee under 37 C.F.R. § 1.20(d) is now due and a check for that fee does not accompany this paper, please charge Attorney's Deposit Account No. 23-1951 for the amount of \$110.00 for the fee. Please charge any deficiency and credit any overpayment to Attorney's Deposit Account 23-1951.

Respectfully submitted,

Hae-Chan Park Reg. No. 50,114

Date: June 25, 2004

McGuire Woods LLP 1750 Tysons Boulevard, Suite 1800 McLean, VA 22102-4215 Tel: 703.712.5000

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**FORM PTO-1595** 1-31-92

#### RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No.: Viztee Files

| To the Honorable Commissioner of Patents and Trademarks. Pl                                 | ease record the attached original documents or copy thereof.  |
|---|---|
| Name of conveying party(ies):   | 2. Name and address of receiving party(ies):  |
| Viztec, Inc.  | Name: Samsung Electronics Co., Ltd.   |
| Additional names of conveying party(ies) attached?  yes  no                                 | Internal Address:   |
| 3. Nature of Conveyance   | Street Address: 416, Maetan-dong<br>City: Yeongtong-gu, Suwon-si, Gyeonggi-do   |
| Assignment Merger   | State or Country: Republic of KOREA   |
| Security Agreement Change of Name Other   | Additional name(s) & address(es) attached?  |
| Execution Date: November 21, 2003   | yes 🛛 no  |
| 4. Application number(s) or patent number(s): SEE ATTAC                                     | HED SCHEDULE A  |
| Title:  |   |
| If this document is being filed together with a new application                             | , the execution date of the application is:   |
| A. Patent Application No(s). filed on   |   |
| B. Patent No(s).  | •   |
| Additional numbers attack   | hed? 🛛 Yes 🔲 No   |
| 5. Name and address of party to whom correspondence concerning document should be mailed:   | 6. Total number of applications and patents involved: 18  |
| Hae-Chan Park, Esq.   | 7. Total fee (37 CFR 3.41): \$720.00  |
| McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800  | ⊠ Enclosed  |
| McLean, Virginia 22102  | <ul> <li>✓ Authorized to be charged to deposit account</li> <li>☐ Total fee due</li> <li>✓ Any deficiencies in the enclosed fees</li> </ul> |
|   | 8. Deposit account number: 23-1951  |
| 9. Statement and signature  |   |
| To the best of my knowledge and belief, the foregoing information or the original document. | tion is true and correct and any attached copy is a true copy   |
| Hae-Chan Park, Reg. No. 50,114  Name of Person Signing  Signature                           | April 23, 2004  |
| Signature   | Date  |
|   |   |

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#### ABSIGNMENT

Whereas, Assignor has lawful rights in and to the inventions of certain new and tiseful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("inventions") as well as other intellectual property rights including, but not limited to, copyrights, trade secrets, trademarks and know-how listed in Schedule A attached hereto:

Whereas, Assignor desires to convey to Assignee all rights, title and interests in and to the above-identified patent rights and the other intellectual property rights owned by Assignor as of the date of this Assignment;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor and Assignor agree as follows:

- 1. Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the inventions and discoveries disclosed in the above-identified patent applications, any and all Letters Patents of the United States or any other Country issuing therefrom, including (without limitation), any continuation, division, renewal, reissue, reexamination or substitute thereof, and hereby grants to Assignee the right to apply in its own name for patents or inventor's contificates and related rights heretofore or hereafter filed for the inventions and discoveries in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions, recomminations and renewals thereof.
- 2. Assignor further covenants that Assignce will, upon Assignce's request, be provided promptly with all partinent facts and documents relating to the inventions, patent, application and any patents granted thereon and the other intellectual property rights, as may be known and accessible to Assignor and its employees, and will use its best afforts to ensure that its employees will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the application, patent, inventions, whether in the U.S. or any and all foreign countries and any patents granted thereon and/or for obtaining any relatue or relatues of any patent which may be granted for the inventions and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and propers.

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- 3. The rights assigned hereunder specifically include the right to sue for any and all past infringement of the patents transferred by this Assignment and to receive any and all damages awarded as a result of any such claim.
- 4. Assignor represents and warrants that it has the authority to make and enter into this Assignment. Assignor further represents and warrants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment, and that this Assignment will not violate Assignor's obligations to or with any third party.
- Assignor shall not, at any time, contest the validity or enforceability of the patents transferred by this Assignment, or take any action that would impair the value of the patent rights transferred by this Assignment.
- 6. Assignor agrees to execute any other documents or to provide any further materials or documentation accessary in order to fulfill the provisions of or the purpose of this Assignment.
- This Assignment is binding upon the parties and their respective heirs, successors, assigns, trustees, and representatives.

IN WITNESS WHEREOF, the parties have executed this Assignment to be effective as of the date first written above.

Amignor: VIZTEC, INC.

By:

David H. Freeman

Title:

Vice President

Amignoe: SAMBUNG BLECTRONICS CO., LTD.

By:

Soung-Ho Ahn

Title:

Vice President

### SCHEDULE "A"

### Intargible Assets

| Title   | Serial No.         | Filing<br>Date | Patent<br>No. | Country                           | Priority No.   | McGuireWoods<br>Matter No. |
|---|--------------------|----------------|---------------|-----------------------------------|--|----------------------------|
| Flexible Chip<br>Card with<br>Display         | 09/040,517         | 3/17/98        | 6,019,284     | US - CIP                          | 09/014,055   | 61920342CIP                |
| Flexible Chip<br>Card with<br>Disp sy         | 09/420,087         | 10/18/99       | 6,402,039     | US<br>Continuation<br>Application | 09/040,517   | 61920342C1                 |
| Plexible Chip Card with Disp sy               | PCT/US99/0<br>1808 | 1/27/99        | N/A           | PCT                               | 09/014,055;<br>09/040,517;<br>09/061,879                                     | 61920342WO                 |
| Tran unlitting Advertisements to Scrart Cards | 24779/99           | 7/31/00        | N/A           | Australia                         | PCT/US99/<br>01808;<br>09/014,055;<br>09/040,517;<br>09/061,879              | 61920342AU                 |
| Transmitting Advertisements to Seart Cards    | 99802449_X         | 7/27/00        | N/A           | China                             | PCT/US99/<br>01808;<br>09/014,055;<br>09/040,517;<br>09/061,879              | 61920342CN                 |
| Transmitting Advirtisements to Staart Cards   | 2000-528949        | 7/27/00        | N/A           | Japan                             | PCT/US99/<br>01808<br>09/014,055;<br>09/040,517;<br>09/061,879               | 61920342JP                 |
| Transmitting Advertisements to Seart Cards    | 2000-<br>7008220   | 7/27/00        | N/A           | Korea                             | PCT/US99/<br>01808<br>09/014,055;<br>09/040,517;<br>09/061,879               | 61920342KR                 |
| Transmitting Advirtisements to Sinart Cards   | 0007377            | 7/27/00        | N/A           | Mexico                            | PCT/US99/<br>01808<br>09/014,055;<br>09/040,517;                             | 61920342MX                 |
| Transmitting Advartisements to Sinart Cards   | 2319127            | 7/26/00        | N/A           | Canada                            | 09/061,879<br>PCT/US99/<br>01808<br>09/014,055;<br>09/040,517;<br>09/061,879 | 61920342CA                 |
| hir Card<br>ysom                              | 09/061,879         | 4/17/98        | 6,068,183     | US                                | N/A  | 61920343US                 |

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| Title  | Serial No.         | Filing<br>Date | Patent<br>No. | Country                           | Priority No.   | McGuireWeeds<br>Matter No. |
|--|--------------------|----------------|---------------|-----------------------------------|--|----------------------------|
| Chip Card Rebate<br>System                   |                    | 4/21/00        | 6,450,407     | US – CIP                          | 09/457,988<br>which is a<br>continuation<br>of<br>09/061,879   | 61920343CIP                |
| Chip Card Rebate<br>System                   | 2739               | 12/11/00       | N/A           | PCT                               | 09/457,988;<br>09/556,140                                      | 61920343WO                 |
| Chip Card Rebute<br>System                   | 00992894.6         | 7/9/02         | N/A           | Europe                            | PCT/US00/<br>42739;<br>09/457,988;<br>09/556,140               | 61920343EP                 |
| Chip Card Rebate<br>System                   | 2001-544250        | 6/10/02        | N/A           | Japan                             | PCT/US00/<br>42739;<br>09/457,988;<br>09/556,140               | 61920343ЈР                 |
| Wea:able Device<br>with Flexible<br>Display  | 09/103,481         | 6/24/98        | 5,931,764     | US                                | NA   | 61920344US                 |
| Wearable Device                              | 09/689,305         | 10/12/00       | N/A           | US -<br>Divisional<br>Application | 09/360,435<br>which is a<br>CIP of                             | 61920344D1                 |
| Wearable Device                              | 09/895,735         | 6/29/01        | N/A           | US<br>Continuation<br>Application | 09/103,481<br>09/360,435<br>which is a<br>CIP of<br>09/103,481 | 61920344C1                 |
| Westable Device<br>with Flexible<br>Dist lay | PCT/US99/0<br>9816 | 5/5/99         | N/A           | PCT                               | 09/103,481   | 61920344WO                 |
| Wearable Device                              | PCT/US00/2<br>0256 | 7/20/00        | N/A           | PCT                               | 09/360,435   | 61920344WO2                |
| Weerable Device                              | Nº 1938-00         | 7/21/00        | N/A           | Chile                             | 00/250 425   | <10000 1 1 0 T             |
| Westable Device<br>with Flexible<br>Display  | 2000-556299        | 12/22/00       | N/A           | Japan                             | 09/360,435<br>09/103,481<br>and<br>PCT/US99/                   | 61920344CL<br>61920344JP   |
| Westable Device                              | 89114897           | 7/26/00        | N/A           | Taiwan                            | 09816<br>09/360,435  | 61920344TW                 |

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| Title   | Serial No.          | Filing<br>Date | Patent<br>No. | Country                             | Priority No.                                     | McGuireWoods<br>Matter No. |
|---|---------------------|----------------|---------------|-------------------------------------|--|----------------------------|
| Blectrooptical Displays with Mult layer Structure Achieved by Varying Rates of Polymerization and/ce Phase Separation During the Course of Polymerization | 09/883,083          | 06/15/01       | 6,618,114     | US                                  | 60/268,235                                       | 61920294U8                 |
| Electrooptical Displays With Multilayer Structure Achieved by Varying Rates of Polymerization and/or Phase Separation                                     | 10/619,389          | 7/15/03        | N/A           | US —<br>Continuation<br>Application | 09/883,083                                       | 61920294C1                 |
| Blecarcoptical Displays With Mukilayer Structure Ach: eved by Varying Rates of Polymerization and/or Phase Separation                                     | PCT/US02/0<br>4067  | 2/12/02        | N/A           | PCT                                 | 60/268,235;<br>09/883,083                        | 61920294WO                 |
| Electrooptical Displays With Multilayer Structure Achieved by Varying Rates of Polymerization and/or Phase Sepuration                                     | 10-2002-<br>7009595 | 7/25/02        | N/A           | Korea                               | PCT/US02/<br>04067;<br>60/268,235;<br>09/883,083 | 61920294KR                 |
| Electrooptical Displays With Multilayer Structure Achieved by Var/ing Rates of Polymerization and/or Phase Sepuration                                     | 02807029.1          | 2/12/02        | N/A           | China                               | PCT/US02/<br>04067;<br>60/268,235;<br>09/883,083 | 61920294CN                 |

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| Title  | Serial No.          | Filing<br>Date | Patent<br>No. | Country                             | Priority No.  | McGuire Woods<br>Matter No. |
|--|---------------------|----------------|---------------|-------------------------------------|---|-----------------------------|
| Blectrooptical Displays With Mulilayer Structure Ach eved by Varying Rates of Polymerization and/or Phase Separation     | 02723135.6-<br>2205 | 8/12/03        | N/A           | Burope                              | PCT/US02/<br>04067;<br>60/268,235;<br>09/883,083        | 61920294EP                  |
| Electrooptical Displays With Multilayer Structure Achieved by Varying Rates of Polymerization and/or Phase Separation    | 2003-572494         | 8/12/03        | N/A           | Јарап                               | PCT/US02/<br>04067;<br>60/268,235;<br>09/883,083        | 61920294ЈР                  |
| Electrooptical Displays Constructed with Polymerization Initiating and Enhancing Blements Postioned Between Substrates   | 09/882,272          | 6/15/01        | 6,697,143     | US                                  | 60/268,072  | 61920297US                  |
| Electrooptical Displays Constructed with Polymerization Init ating and Enhancing Elements Positioned Bet ween Substrates | 10/619,790          | 7/15/03        | N/A           | US —<br>Continuation<br>Application | 60/268,072;<br>09/882,272                               | 61920297C1                  |
| Electrooptical Displays Constructed with Polymerization ultisting and Enhancing Stements Positioned Lotween untstrates   | PCT/US02/0<br>4229  | 2/12/02        | N/A           | PCT                                 | 60/268,176;<br>60/268,072;<br>09/882,272;<br>09/882,310 | 61920297WO                  |

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| Title              | Serial No.  | Filing    | Patent    | Country      | Prierity No. | McGuireWoods     |
|--------------------|-------------|-----------|-----------|--------------|--------------|------------------|
| Electrooptical     | 10-2002-    | Date      | No.       | <u> </u>     |              | Matter No.       |
| Displays           | 7009593     | 7/25/02   | N/A       | Korea        | PCT/US02/    | 61920297KR       |
| Constructed with   | /009393     | 1         | 1         | 1            | 04229;       |                  |
|                    |             | 1         |           | I            | 60/268,176;  |                  |
| Polymerization     |             |           |           |              | 60/268,072;  | i                |
| Initiating and     |             | ľ         |           |              | 09/882,272;  |                  |
| Enhancing          |             |           | 1         |              | 09/882,310   | į                |
| Blonients          | ]           | 1         |           | 1            |              |                  |
| Positioned         |             | ŀ         |           | ŀ            |              |                  |
| Betv/een           |             |           | 1         | ł            | 1            |                  |
| Substrates         |             |           | . [       | i            | İ            |                  |
| Electrooptical     | 09/882,310  | 6/15/01   | 6,606,142 | US           | 60/268,176   | 61920295US       |
| Disc lays with     | ļ           | 1         |           | 1 3 3        |              | 0172027308       |
| Polymer            | 1           | ŀ         | 1         | 1            | Ĭ            |                  |
| Localized in       |             | ì         | 1         | 1            |              | ľ                |
| Vicinities of      |             |           | 1         | 1            |              |                  |
| Substrate Spacers  | ]           |           | ļ         | 1            |              |                  |
| Electrooptical     | 10/619,791  | 7/15/03   | N/A       | US-          | 60/260 196   | <b>410000000</b> |
| Displays with      | 10.012,,,21 | 7713703   | 170       | Continuation | 60/268,176;  | 61920295C1       |
| Polymer            |             |           | ł         |              | 09/882,310   |                  |
| Localized in       |             | i         | i         | Application  |              |                  |
| Vicinities of      | i           | 1         |           |              |              |                  |
| Substrate Spacers  |             | 1         | 1         |              | i I          |                  |
| Blectrooptical     | 10/000 000  | 10.10.000 |           |              |              | ·                |
| Displays with      | 10/309,908  | 12/04/02  | N/A       | US –         | 60/268,176;  | 61920295C2       |
| Polymer            |             |           | 1         | Continuation | 09/882,310   |                  |
| Localized in       | ł           |           |           | Application  | ì            |                  |
|                    |             | 1         |           |              |              | •                |
| Vicinities of      |             | 1         | 1         |              |              |                  |
| Sub strate Spacers |             | <u> </u>  |           | L            | <u>l</u>     |                  |
| Electrooptical     | 02807551X   | 9/28/03   | N/A       | China        | PCT/US02/    | 61920295CN       |
| Displays with      |             | ł         | Í         | 1            | 04229        | 0.520250011      |
| Polymer            |             | !         | ſ         |              |              |                  |
| Localized in       |             | İ         | i         |              | 1            |                  |
| Vicinities of      |             |           |           | ł            | }            |                  |
| Substrate Spacers  |             | 1         |           | 1            |              |                  |
| Blectrooptical     | 02718959.6  |           | N/A       | Europe       | PCT/US02/    | 61920295EP       |
| Displays with      |             | ł         |           |              | 04229        | VITEVATILE       |
| Polymer            |             | i         | ľ         |              |              |                  |
| Localized in       |             | l         | 1         |              |              |                  |
| Vic: nities of     |             | l         |           | 1            | 1 1          |                  |
| Substrate Spacers  |             | 1.        |           |              | r (          |                  |
| Electrooptical     | 2003-564659 | 8/12/03   | N/A       | Japan        | PCT/US02/    | 61920295JP       |
| Displays with      |             |           | - ""      | ·fran        | 04229        | 012505A21L       |
| Polymer            |             | }         |           | •            | V4427        |                  |
| Localized in       |             |           | I         |              | [            |                  |
| Vicinities of      |             |           |           |              |              |                  |
| Substrate Spacers  |             |           |           |              | <b> </b>     |                  |
|                    |             |           |           |              |              |                  |

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| Title   | Serial Ne.          | Filing<br>Date | Patent<br>No. | Country                           | Priority No.                            | McGuireWoods<br>Matter No. |
|---|---------------------|----------------|---------------|-----------------------------------|---|----------------------------|
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Between Substrates  | 09/882,311          | 6/15/01        | 6,621,548     | US                                | N/A                                     | 61920296US                 |
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Betyroon Substrates | 10/619,409          | 7/15/03        | N/A           | US<br>Continuation<br>Application | 09/882,311                              | 61920296C1                 |
| Electrooptical Displays Constructed with Polymer-Conted Electents Positioned Botween Substrates | PCT/US02/0<br>4066  | 2/12/02        | N/A           | PCT                               | 09/882,311                              | 61920296WO                 |
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Between Substrates  | 10-2002-<br>7009594 | 7/25/02        | N/A           | Korea                             | PCT/US02/<br>04066;<br>09/882,311       | 61920296KR                 |
| Electrooptical Displays Constructed with Polymor-Conted Elements Positioned Between Substrates  | 91122896            | 19/3/02        | Ñ/A           | Taiwan                            | N/A<br>(Priority<br>was not<br>claimed) | 61920296TW                 |
| Electrooptical Disgdays Constructed with Polymer-Coated Blements Positioned Setveen             | 02707771.8          | 8/12/03        | N/A           | Europe                            | PCT/US02/<br>04066;<br>09/882,311       | 61920296EP                 |

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| Title   | Serial No.         | Fling<br>Date | Patent<br>No. | Country | Priority No.                      | McGrireWoods<br>Matter No. |
|---|--------------------|---------------|---------------|---------|-----------------------------------|----------------------------|
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Between Substrates  | 02807028.3         |               | N/A           | China   | PCT/US02/<br>04066;<br>09/882,311 | 61920296CN                 |
| Elec rooptical Displays Constructed with Poly mer-Costed Elements Post Joned Between Substrates | 2003-505702        | 8/12/03       | N/A           | Japan   | PCT/US02/<br>04066;<br>09/882,311 | 61920296JP                 |
| Cort posite Structure for Eahunced Flexibility of Electro-Optic Diar lays                       | 10/147,628         | 5/17/02       | 6,655,788     | UŠ      | N/A                               | 61920303US                 |
| Coa posite Structure for End-inced Flexibility of Electro-Optic Displays                        | PCT/US03/1<br>4644 | 5/9/03        | N/A           | PCT     | 10/147,628                        | 61920303WO                 |
| Parsilax Compensating Color Filter and Black Mask for Display Apparatus                         | 10/268,463         | 10/10/02      | N/A           | US      | N/A                               | 61920320US                 |
| are llax<br>compensating<br>color Filter and<br>lack Mask for<br>highlay<br>primatus            | PCT/US03/3<br>2042 | 10/9/03       | N/A           | PCT     | 10/268,463                        | 61920320WO                 |

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# 13. The Seller Know-How

### Tang ble Assets

- 1. All of Seller's patent prosecution files.
- 2. Forty-three (43) TN type Viztec flexible plastic displays.
- 3. Two (2) STN type Viztec flexible plastic displays.
- 4. Two (2) drive electronics boxes for TN type displays.
- 5. One (1) drive electronics box for STN type displays.

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#### ASSIGNMENT

This ASSIGNMENT is made as of the 2/day of Notrology, 2003, by VIZTEC, INC., organized under the laws of the State of Delaware, with a principal address of 14502 North Dele Mabry, Suite 200, Tamps, Florida, United States of America ("Assignor"), in favor of SAMSUNG ELECTRONICS CO., LTD., a corporation organized under the laws of the Republic of Kores, with a principal address of 416, Mastan-dong, Yoongtong-gu, Suwun-si, Gyeonggi-do, Republic of Korea ("Assignor").

Whereas, Assignor has lawful rights in and to the inventions of certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("inventions") as well as other intellectual property rights including, but not limited to, copyrights, trade secrets, trademarks and know-how listed in <u>Schedule A</u> attached hereto:

Whereas, Assignor desires to convey to Assignoe all rights, title and interests in and to the above-identified patent rights and the other intellectual property rights owned by Assignor as of the date of this Assignment;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor and Assignee agree as follows:

- 1. Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the inventions and discoveries disclosed in the above-identified patent applications, any and all Letters Patents of the United States or any other Country issuing therefrom, including (without limitation), any continuation, division, renewal, reissue, recommination or substitute thereof, and hereby grants to Assignee the right to apply in its own name for patents or inventor's certificates and related rights heretofore or hereafter filed for the inventions and discoveries in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions, resomminations and renewals thereof.
- 2. Assignor further covenants that Assignce will, upon Assignce's request, be provided promptly with all partinent facts and documents relating to the inventions, patent, application and any patents granted thereon and the other intellectual property rights, as may be known and accessible to Assignor and its employees, and will use its best efforts to ensure that its employees will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and emforce the application, patent, inventions, whether in the U.S. or any and all foreign countries and any patents granted thereon and/or for obtaining any relasue or reissues of any patent which may be granted for the inventions and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare.

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PAT NO. 8139611942

P. 3

- The rights assigned hereunder specifically include the right to sue for any and all past infringement of the patents transferred by this Assignment and to receive any and all damages awarded as a result of any such claim.
- Assignor represents and warrants that it has the authority to make and enter into this Assignment. Assignor further represents and warrants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment, and that this Assignment will not violate Assignor's obligations to or with any third party.
- Assignor shall not, at any time, contest the validity or embreesbility of the patents transferred by this Assignment, or take any action that would impair the value of the patent rights transferred by this Assignment.
- Assignor agrees to execute any other documents or to provide any further materials or documentation necessary in order to fulfill the provisions of or the purpose of this Assignment.
- This Assignment is binding upon the parties and their respective heirs, successors, assigns, trustees, and representatives.

IN WITNESS WHEREOF, the parties have executed this Assignment to be effective as of the date first written above.

VIZTEC, INC.

By:

David H. Proeman

Title:

Vice President

Assignee: SAMBLING BLECTRONICS CO., LTD.

By;

Scupe-Ho Ahn

Title:

**Vice President** 

### SCHEDULE "A"

# Intargible Assets

| Title  | Serial No.         | Filing<br>Date | Patent<br>No. | Country                             | Priority No.   | McGuireWoods<br>Matter No. |
|--|--------------------|----------------|---------------|-------------------------------------|--|----------------------------|
| Flexible Chip<br>Card with<br>Display        | 09/040,517         | 3/17/98        | 6,019,284     | US - CIP                            | 09/014,055   | 61920342CIP                |
| Flexible Chip<br>Card with<br>Disp ay        | 09/420,087         | 10/18/99       | 6,402,039     | US -<br>Continuation<br>Application | 09/040,517   | 61920342C1                 |
| Flexible Chip<br>Card with<br>Disp ay        | PCT/US99/0<br>1808 | 1/27/99        | NA            | PCT                                 | 09/014,055;<br>09/040,517;<br>09/061,879                                     | 61920342WO                 |
| Tran smitting Advertisements to Senart Cards | 24779/99           | 7/31/00        | N/A           | Australia                           | PCT/US99/<br>01808;<br>09/014,055;<br>09/040,517;<br>09/061,879              | 61920342AU                 |
| Trun mitting Advertisements to Strart Cards  | 99802449.X         | 7/27/00        | N/A           | China                               | PCT/US99/<br>01808;<br>09/014,055;<br>09/040,517;<br>09/061,879              | 61920342CN                 |
| Transmitting Advixtisements to Smart Cards   | 2000-528949        | 7/27/00        | N/A           | Japan                               | PCT/US99/<br>01808<br>09/014,055;<br>09/040,517;                             | 61920342JP                 |
| Transmitting Advertisements to Scoart Cards  | 2000-<br>7008220   | 7/27/00        | N/A           | Korea                               | 09/061,879<br>PCT/US99/<br>01808<br>09/014,055;<br>09/040,517;<br>09/061,879 | 61920342KR                 |
| Transmitting Advixtisements to Senart Cards  | 0007377            | 7/27/00        | N/A           | Mexico                              | PCT/US99/<br>01808<br>09/014,055;<br>09/040,517;<br>09/061,879               | 61920342MX                 |
| Transmitting Adwrtisements to Senart Cards   | 2319127            | 7/26/00        | N/A           | Canada                              | PCT/US99/<br>01808<br>09/014,055;<br>09/040,517;<br>09/061,879               | 61920342CA                 |
| Chic Card<br>System                          | 09/061,879         | 4/17/98        | 6,068,183     | US                                  | N/A  | 61920343US                 |

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| Title  | Serial No.         | Filing<br>Date | Patent<br>No. | Country                             | Priority No.   | McGuireWoods<br>Matter No. |
|--|--------------------|----------------|---------------|-------------------------------------|--|----------------------------|
| Chip Card Rebate<br>System                   | 09/556,140         | 4/21/00        | 6,450,407     | US – CIP                            | 09/457,988<br>which is a<br>continuation<br>of<br>09/061,879 | 61920343CIP                |
| Chip Card Rebate<br>System                   | PCT/US00/4<br>2739 | 12/11/00       | N/A           | PCT                                 | 09/457,988;<br>09/556,140                                    | 61920343WO                 |
| Chip Card Rebate<br>System                   | 00992894.6         | 7/9/02         | N/A           | Europe                              | PCT/US00/<br>42739;<br>09/457,988;<br>09/556,140             | 61920343EP                 |
| Chip Card Rebate<br>System                   | 2001-544250        | 6/10/02        | N/A           | Japan                               | PCT/US00/<br>42739;<br>09/457,988;<br>09/556,140             | 61920343JP                 |
| Wea.able Device<br>with Flexible<br>Display  | 09/103,481         | 6/24/98        | 5,931,764     | US                                  | NA   | 61920344US                 |
| Wearable Device                              | 09/689,305         | 10/12/00       | NA            | US –<br>Divisional<br>Application   | 09/360,435<br>which is a<br>CIP of<br>09/103,481             | 61920344D1                 |
| Wearable Device                              | 09/895,735         | 6/29/01        | N/A           | US –<br>Continuation<br>Application | 09/360,435<br>which is a<br>CIP of<br>09/103,481             | 61920344C1                 |
| Wearable Device<br>with Flexible<br>Dist lay | PCT/US99/0<br>9816 | 5/5/99         | N/A           | PCT                                 | 09/103,481   | 61920344WO                 |
| Wearable Device                              | PCT/US00/2<br>0256 | 7/20/00        | N/A           | PCT                                 | 09/360,435   | 61920344WO2                |
| Westable Device                              | N° 1938-00         | 7/21/00        | N/A           | Chile                               | 09/360,435   | 61920344CL                 |
| Werrable Device<br>with Flexible<br>Dist lay | 2000-556299        | 12/22/00       | N/A           | Japan                               | 09/103,481<br>and<br>PCT/US99/<br>09816                      | 61920344CL<br>61920344JP   |
| Westable Device                              | 89114897           | 7/26/00        | N/A           | Taiwan                              | 09/360,435   | 61920344TW                 |

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| Title   | Serial No.          | Filing<br>Date | Patent<br>No. | Country                           | Priority No.                                     | McGuireWoods<br>Matter No. |
|---|---------------------|----------------|---------------|-----------------------------------|--|----------------------------|
| Electrooptical Displays with Mult layer Structure Achieved by Varying Rates of Polymerization and/or Phase Separation During the Course of Polymerization | 09/883,083          | 06/15/01       | 6,618,114     | US                                | 60/268,235                                       | 61920294US                 |
| Electrooptical Displays With Multilayer Structure Achieved by Varying Rates of Polymerization and/ar Phase Separation                                     | 10/619,389          | 7/15/03        | N/A           | US<br>Continuation<br>Application | 09/883,083                                       | 61920294C1                 |
| Blectrooptical Displays With Muhilayer Structure Ach eved by Varying Rates of Polymerization and/or Phase Septention                                      | PCT/US02/0<br>4067  | 2/12/02        | N/A           | PCT                               | 60/268,235;<br>09/883,083                        | 61920294WO                 |
| Blectrooptical Displays With Multilayer Structure Achieved by Varying Rates of Polymerization and/or Phase Separation                                     | 10-2002-<br>7009595 | 7/25/02        | N/A           | Korea                             | PCT/US02/<br>04067;<br>60/268,235;<br>09/883,083 | 61920294KR                 |
| Electrooptical Displays With Multilayer Structure Achieved by Varying Rates of Polymerization and/or Phase Sepuration                                     | 02807029.1          | 2/12/02        | N/A           | China                             | PCT/US02/<br>04067;<br>60/268,235;<br>09/883,083 | 61920294CN                 |

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| Title  | Serial No.          | Filing<br>Date | Patent<br>No. | Country                           | Priority No.  | McGuireWoods<br>Matter No. |
|--|---------------------|----------------|---------------|-----------------------------------|---|----------------------------|
| Electrooptical Dist lays With Multilayer Structure Ach eved by Varying Rates of Polymerization and/or Phase Separation   | 02723135.6-<br>2205 | 8/12/03        | N/A           | Burope                            | PCT/US02/<br>04067;<br>60/268,235;<br>09/883,083        | 61920294EP                 |
| Electrooptical Displays With Multilayer Structure Achieved by Varying Rates of Polymerization and or Phase Separation    | 2003-572494         | 8/12/03        | N/A           | Japan                             | PCT/US02/<br>04067;<br>60/268,235;<br>09/883,083        | 61920294ЈР                 |
| Electrooptical Displays Constructed with Polymerization Initiating and Enhancing Elements Positioned Between Substrates  | 09/882,272          | 6/15/01        | 6,697,143     | US                                | 60/268,072  | 61920297US                 |
| Electrooptical Displays Constructed with Polymerization Init atlag and Enhancing Elements Positioned Bet ween Substrates | 10/619,790          | 7/15/03        | N/A           | US<br>Continuation<br>Application | 60/268,072;<br>09/882,272                               | 61920297C1                 |
| Ble trooptical Displays Constructed with Polymerization Initiating and Enhancing Elements Positioned Between Substrates  | PCT/US02/0<br>4229  | 2/12/02        | N/A           | PCT                               | 60/268,176;<br>60/268,072;<br>09/882,272;<br>09/882,310 | 61920297WO                 |

| Title                 | Serial No.  | Flang    | Patent    | Country      | Priority No. | McGuireWoods |
|-----------------------|-------------|----------|-----------|--------------|--------------|--------------|
|                       | <u> </u>    | Date     | No.       |              |              | Matter No.   |
| Elec rooptical        | 10-2002-    | 7/25/02  | N/A       | Kores        | PCT/US02/    | 61920297KR   |
| Displays              | 7009593     |          | ļ         |              | 04229;       | 1            |
| Constructed with      |             | 1        |           |              | 60/268,176;  |              |
| Polymerization        |             | Į.       |           |              | 60/268,072   |              |
| Initiating and        |             | Ť        |           | ŀ            | 09/882,272;  |              |
| Enhancing             |             |          |           |              | 09/882,310   |              |
| Eleptents             |             | 1        | i         |              | 1            |              |
| Positioned            | 1           | Ì        |           |              |              |              |
| Betv/een              |             | 1        |           |              |              | ł            |
| Substrates            |             |          |           |              | 1            | ]            |
| Electrooptical        | 09/882,310  | 6/15/01  | 6,606,142 | US           | 60/268,176   | 61920295US   |
| Disclays with         |             |          | }         |              | 1            |              |
| Polymer               |             |          | 1         |              |              |              |
| Localized in          | į           |          | i         |              |              |              |
| Vicinities of         | ļ           |          | 1         | Į.           | 1            |              |
| Substrate Spacers     |             | <u> </u> | J         | İ            |              |              |
| Electrooptical        | 10/619,791  | 7/15/03  | N/A       | US-          | 60/268,176;  | 61920295C1   |
| Displays with         | <b>\</b>    |          |           | Continuation | 09/882,310   |              |
| Polymer               | l           | 1        |           | Application  |              |              |
| Localized in          | 1           | 1        |           | ·            | 1            |              |
| Vicinities of         | 1           | 1        | ļ         |              | 1            |              |
| Substrate Spacers     | 1           | Ī        |           | 1            | 1            |              |
| Blectrooptical        | 10/309,908  | 12/04/02 | N/A       | US-          | 60/268,176;  | 61920295C2   |
| Displays with         |             | 1-1-1-1  | 1-4       | Continuation | 09/882_310   | 0192029302   |
| Polymer               | }           | 1        | ļ         | Application  | 457,000,000  |              |
| Loc dized in          | 1           | 1        | ł         |              |              |              |
| Vicinities of         |             |          |           |              | 1            |              |
| Sub strate Spacers    | <u></u>     |          | İ         | l            |              |              |
| Blectrooptical        | 02807551X   | 9/28/03  | N/A       | China        | PCT/US02/    | 61920295CN   |
| Displays with         |             | 1        | 1 "12     | Ciniba       | 04229        | 01920293014  |
| Polymer               |             |          | ŀ         | Ì            | V+223        |              |
| Localized in          | ĺ           |          | İ         |              | 1            |              |
| Vicinities of         |             |          |           |              |              |              |
| Substrate Spacers     |             | l        | i         | 1            |              |              |
| Ble trooptical        | 02718959.6  |          | N/A       | Europe       | PCT/US02/    | 61920295EP   |
| Displays with         |             |          | 1         |              | 04229        | VIJEVEPJEF   |
| Polymer               |             | 1        | 1         |              |              |              |
| Localized in          |             |          | [         |              |              |              |
| Vicinities of         |             | ŀ        | 1         |              |              |              |
| Substrate Spacers     |             | <u> </u> | <u></u>   |              | 1            | ļ            |
| <b>Electrooptical</b> | 2003-564659 | 8/12/03  | N/A       | Japan        | PCT/US02/    | 61920295JP   |
| Displays with         |             | 1        |           |              | 04229        | ~./ava/J#    |
| Polymer               |             | i        | 1         |              | *****        |              |
| Localized in          |             |          | ]         |              |              | ļ            |
| Vicinities of         |             |          | i         |              |              | İ            |
| Substrate Spacers     |             | 1        | Ī         | ,            |              |              |

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| Title  | Serial No.          | Filing<br>Date | Patent<br>No. | Country                             | Priority No.                            | McGuireWoods<br>Matter No. |
|--|---------------------|----------------|---------------|-------------------------------------|---|----------------------------|
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Between Subtrates  | 09/882,311          | 6/15/01        | 6,621,548     | US                                  | N/A                                     | 61920296US                 |
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Between Substrates | 10/619,409          | 7/15/03        | N/A           | US –<br>Continuation<br>Application | 09/882,311                              | 61920296C1                 |
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Between Substrates | PCT/US02/0<br>4066  | 2/12/02        | N/A           | PCT                                 | 09/882,311                              | 61920296WQ                 |
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Between Substrates | 10-2002-<br>7009594 | 7/25/02        | N/A           | Korea                               | PCT/US02/<br>04066;<br>09/882,311       | 61920296KR                 |
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Between Substrates | 91122896            | 10/3/02        | N/A           | Taiwan                              | N/A<br>(Priority<br>was not<br>claimed) | 61920296TW                 |
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Between Substrates | 02707771.8          | 8/12/03        | N/A           | Енгоре                              | PCT/US02/<br>04066;<br>09/882,311       | 61920296EP                 |

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| Title  | Serial No.         | Filing<br>Date | Patent<br>No. | Country | Priority No.                      | McGuireWoods<br>Matter No. |
|--|--------------------|----------------|---------------|---------|-----------------------------------|----------------------------|
| Electrooptical Displays Constructed with Polymer-Coated Elements Positioned Between Substrates | 02807028.3         |                | N/A           | China   | PCT/US02/<br>04066;<br>09/882,311 | 61920296CN                 |
| Elec rooptical Displays Constructed with Polymer-Coated Elements Positioned Between Substrates | 2003-505702        | 8/12/03        | N/A           | Japen   | PCT/US02/<br>04066;<br>09/882,311 | 61920296JP                 |
| Con posite Structure for Enhanced Plexibility of Electro-Optic Dist lays                       | 10/147,628         | 5/17/02        | 6,655,788     | US      | N/A                               | 61920303US                 |
| Composite Struxure for Enh: meed Flexibility of Electro-Optic Displays                         | PCT/US03/1<br>4644 | 5/9/03         | N/A           | PCT     | 10/147,628                        | 61920303WO                 |
| Partillax Compensating Color Filter and Black Mask for Display Apparetus                       | 10/268,463         | 10/10/02       | N/A           | US      | N/A                               | 61920320US                 |
| Parallax Compensating Color Filter and Black Mask for Display Apparatus                        | PCT/US03/3<br>2042 | 10/9/03        | N/A           | PCT     | 10/268,463                        | 61920320WO                 |

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#### 13. The Seller Know-How

#### Tang blo Assets

- 1. All of Seller's patent prosecution files.
- 2. Forty-three (43) TN type Viztec flexible plastic displays.
- 3. Two (2) STN type Viztec flexible plastic displays.
- 4. Two (2) drive electronics boxes for TN type displays.
- One (1) drive electronics box for STN type displays. 5.

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